

### CLAIM AMENDMENTS

Please replace the claims with the following list of claims:

#### LISTING OF CLAIMS

1. (Currently Amended) A wireless communication device comprising:  
  
an input terminal that communicates ~~configured to communicate~~ data with a processor;  
  
a segregation circuit, ~~150~~ coupled to the input terminal that identifies ~~and configured to identify~~ predetermined data and separates incoming high-priority ~~to separate more important data from incoming low-priority less important data~~;  
  
a memory that stores a ~~112 configured to store at least one~~ parameter relevant to the wireless communication protocol; [[and]]  
  
a modem, [[110]] coupled to the segregation circuit and the memory, that communicates ~~and configured to communicate using~~ a wireless protocol over a wireless channel[[,]]; ~~including~~ and  
  
a framer that fragments the incoming high-priority data and the incoming low-priority ~~152 configured to fragment the segregated data based at least in part on the at least one parameter stored in the memory.~~

2. (Currently Amended) The wireless communication device of claim 1, wherein[[:]]  
the memory ~~112 is configured to store~~ stores a fragmentation threshold  
parameter[[,]] which ~~that~~ is set to be greater than the length of the incoming high-  
priority data and less than the length of the incoming low-priority data~~-segregation~~  
~~circuit allocates for more important data; and~~

the framer ~~is configured to fragment the segregated~~ that frames the incoming  
high-priority data and the incoming low-priority data based at least in part of the  
fragmentation threshold parameter.

3. (Currently Amended) The wireless communication device of claim 1,  
wherein[[:]] the predetermined data is video data, [[and]] the ~~more important~~ high-  
priority data is [[the]] video control data, and the ~~less important~~ low-priority data is  
[[the]] video payload data.

4. (Currently Amended) The wireless communication device of claim 2,  
wherein[[:]] the predetermined data is video data, [[and]] the ~~more important~~ high-  
priority data is [[the]] video control data, and the ~~less important~~ low-priority data is  
[[the]] video payload data.

5. (Currently Amended) The wireless communication device of ~~claim 5~~ claim 3, wherein ~~the~~ the video data are Moving Picture Experts Group-2 (MPEG-2) is ~~MPEG-2~~ format video data.

6. (Currently Amended) The wireless communication device of ~~claim 6~~ claim 4, wherein ~~the~~ the video data are Moving Picture Experts Group-2 (MPEG-2) is ~~MPEG-2~~ format video data.

7. (Currently Amended) A method of communicating between wireless modems using a wireless communication protocol, comprising the steps of:

storing ~~at least one~~ a parameter relevant to the wireless communication protocol;  
identifying, ~~by a segregation circuit,~~ predetermined data; ~~[[and]]~~  
separating incoming high-priority data from incoming low-priority data;  
~~segregating the predetermined data to separate more important data from less~~  
~~important data, thereby creating segregated data;~~  
framing the incoming high-priority data and the incoming low-priority  
segregated data based at least in part on the ~~at least one stored~~ parameter; and  
communicating using the wireless communication protocol over a wireless  
channel with at least one other modem.

8. (Currently Amended) The method of claim 7, further comprising: wherein[[:]]  
~~the storing step including the step of storing~~ setting a fragmentation threshold  
parameter[[,]] ~~which is set to be greater than the~~ length of the incoming high-priority  
data and less than the length of the incoming low-priority data, wherein the parameter  
comprises the fragmentation threshold parameter ~~segregation circuit allocates fir more~~  
~~important data; and~~ further wherein the framing step comprises ~~including the step of~~  
~~fragmenting~~ framing the ~~segregated~~ incoming high-priority data and incoming low-  
priority data based at least in part on ~~of~~ the fragmentation threshold parameter.

9. (Currently Amended) The method of claim 7, wherein[[:]] the identifying step  
further comprises: ~~includes the step of~~  
  
identifying video data; and  
  
segregating the video data, wherein ~~to separate the more important~~ video control  
data are high-priority data and ~~the less important~~ video payload data are low-priority  
data.

10. (Currently Amended) The method of claim 8, wherein[[:]] the identifying step further comprises; includes the step of

identifying video data; and

segregating the video data, wherein ~~to separate the more important~~ video control data are high-priority data and ~~the less important~~ video payload data are low-priority data.

11. (Currently Amended) The method of claim 9, wherein [[:]] the video data are Moving Picture Experts Group-2 (MPEG-2) ~~is MPEG-2~~ format video data.

12. (Currently Amended) The method of claim 10, wherein [[:]] the video data are Moving Picture Experts Group-2 (MPEG-2) ~~is MPEG-2~~ format video data.